

Fig. 1

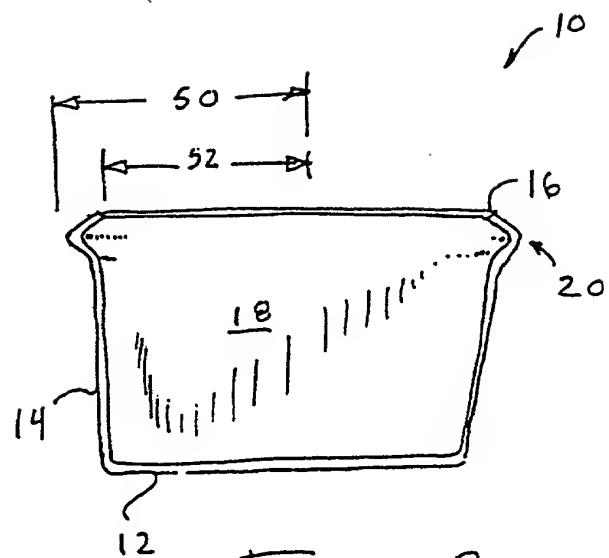


Fig. 2

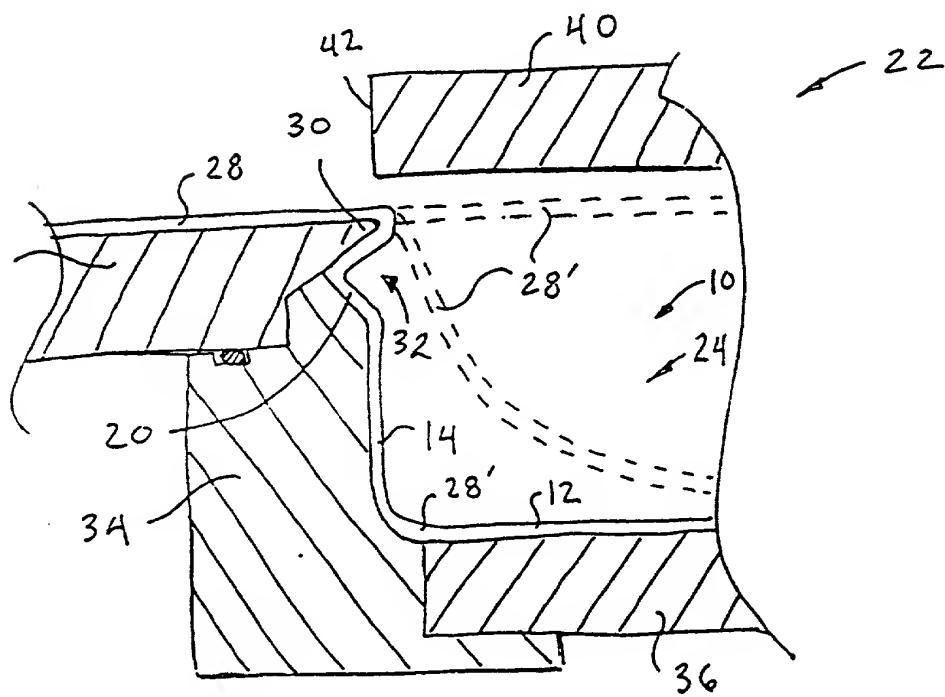


Fig. 3

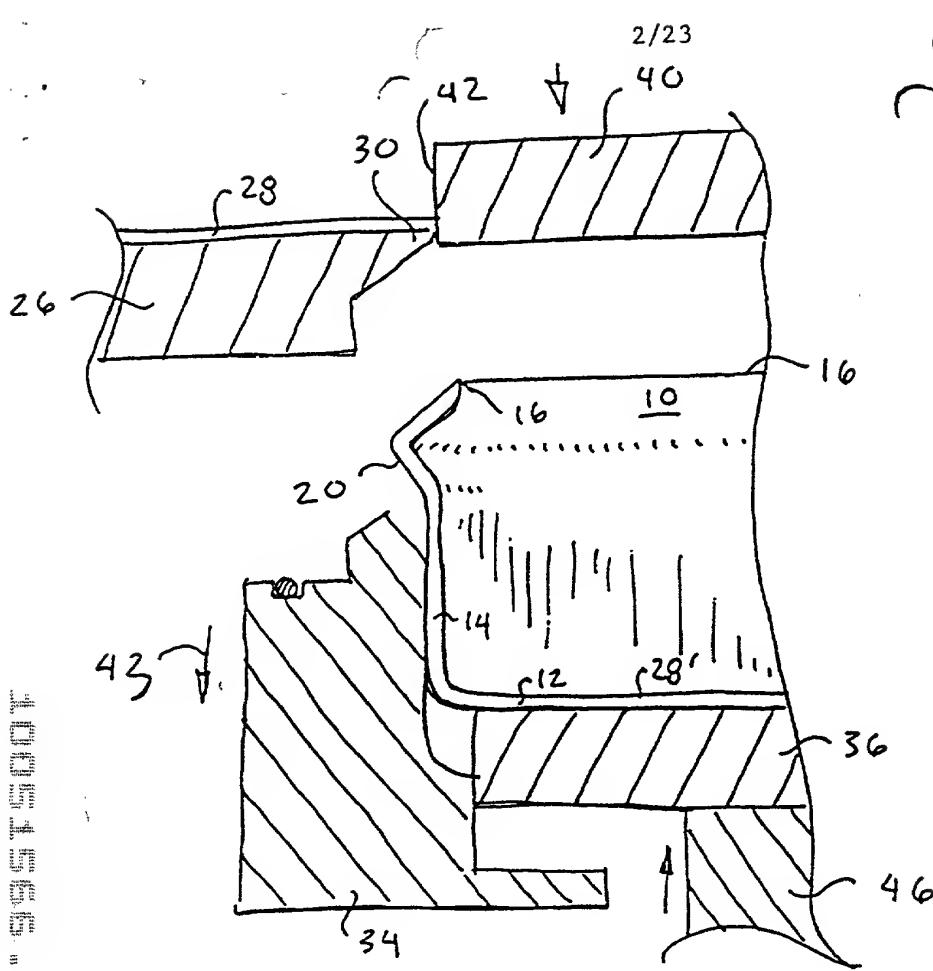


Fig. 4

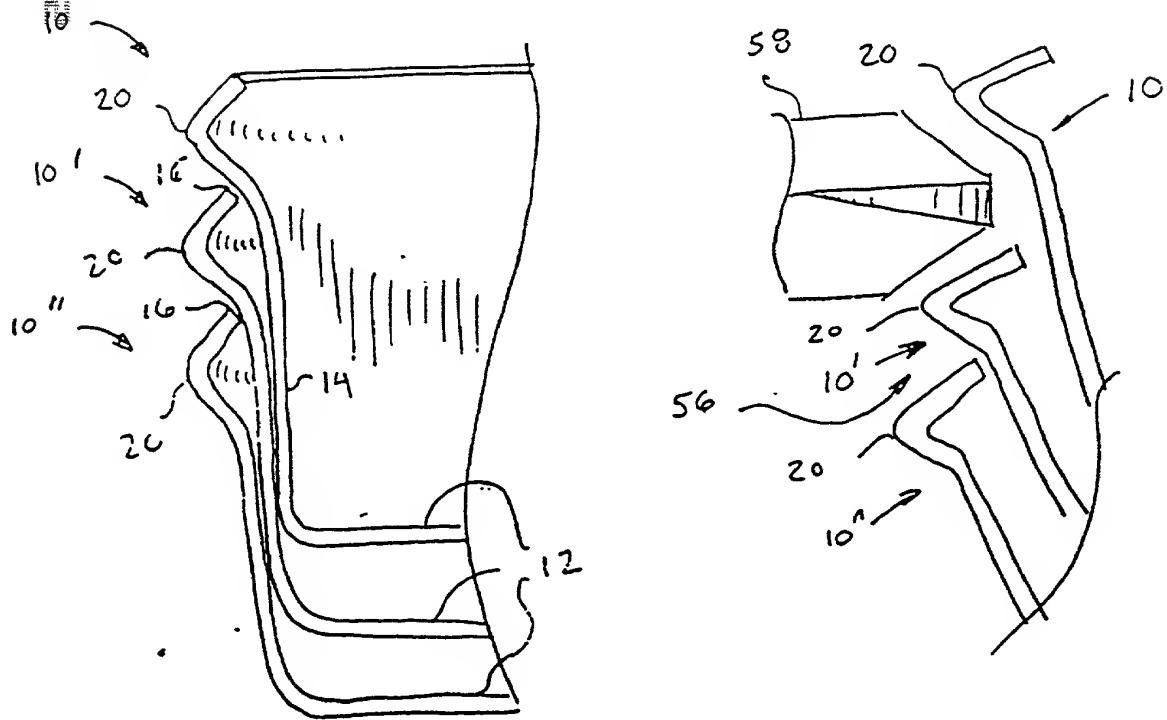


Fig. 5

Fig. 6

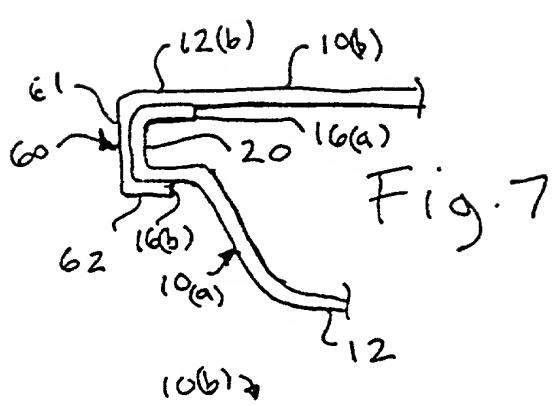


Fig. 7

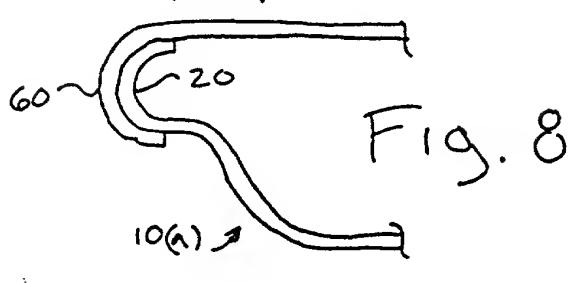


Fig. 8

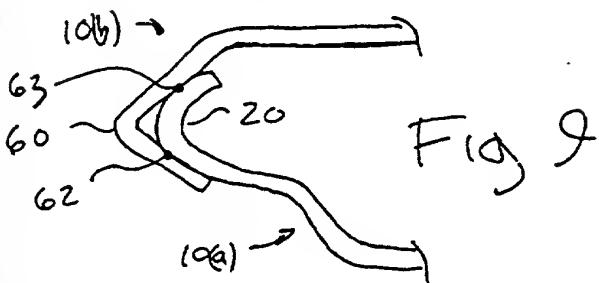


Fig. 9

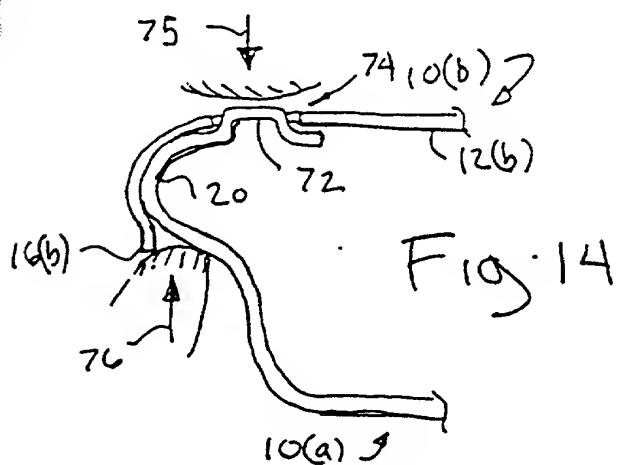


Fig. 14

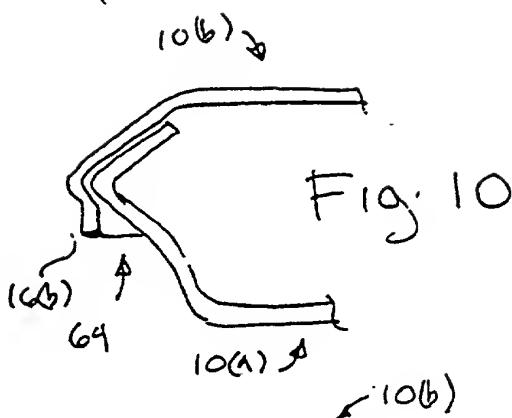


Fig. 10

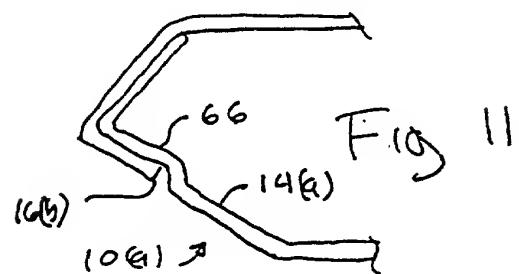


Fig. 11

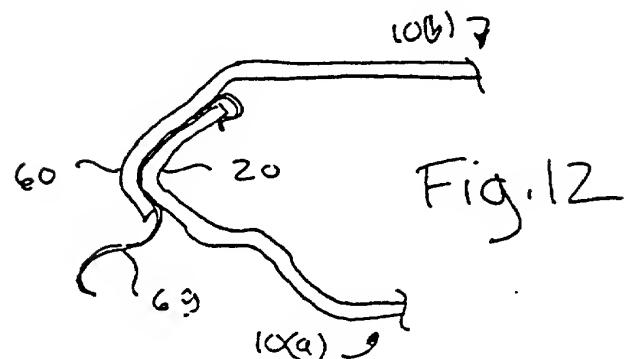


Fig. 12

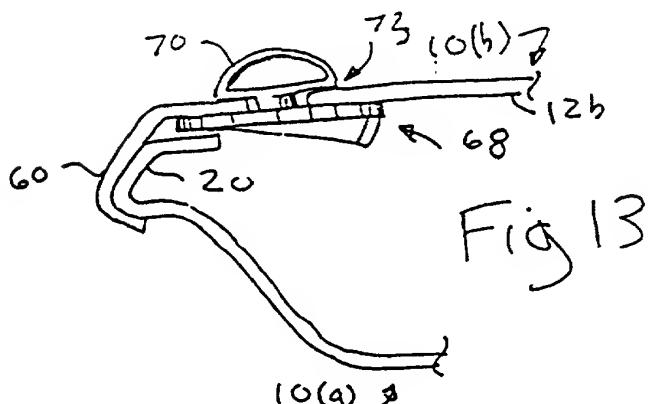


Fig. 13

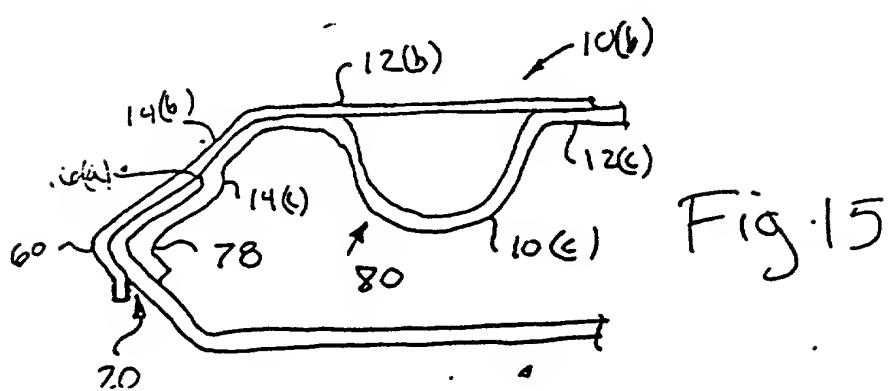


Fig. 15

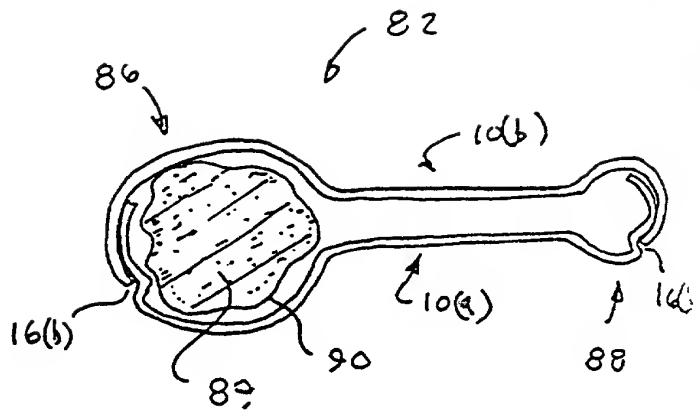
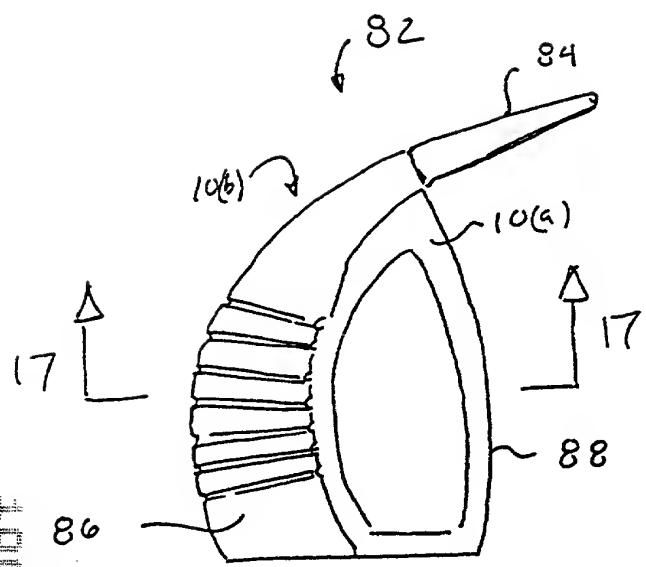


Fig. 16

Fig. 17

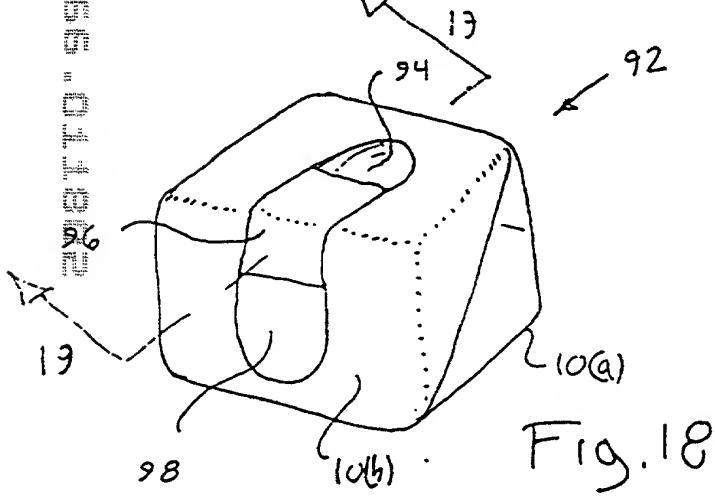


Fig. 18

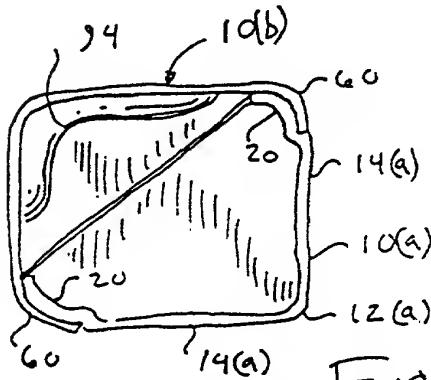


Fig. 19

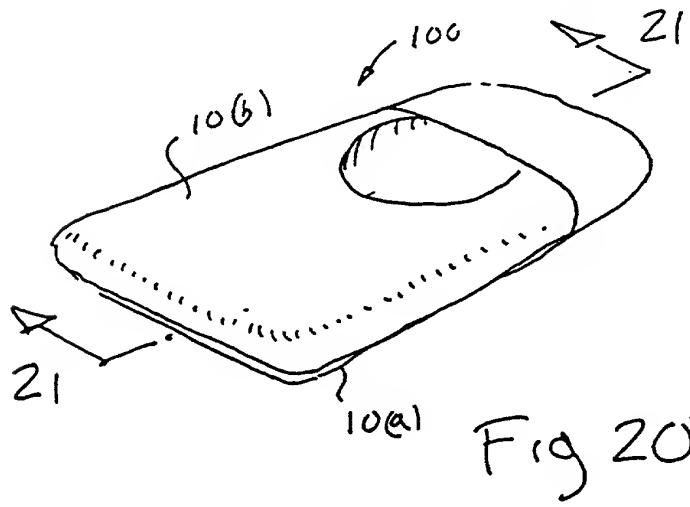


Fig. 20

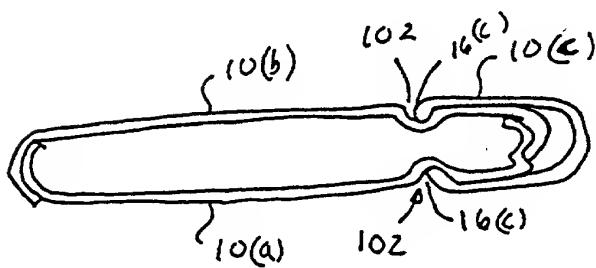


Fig. 21

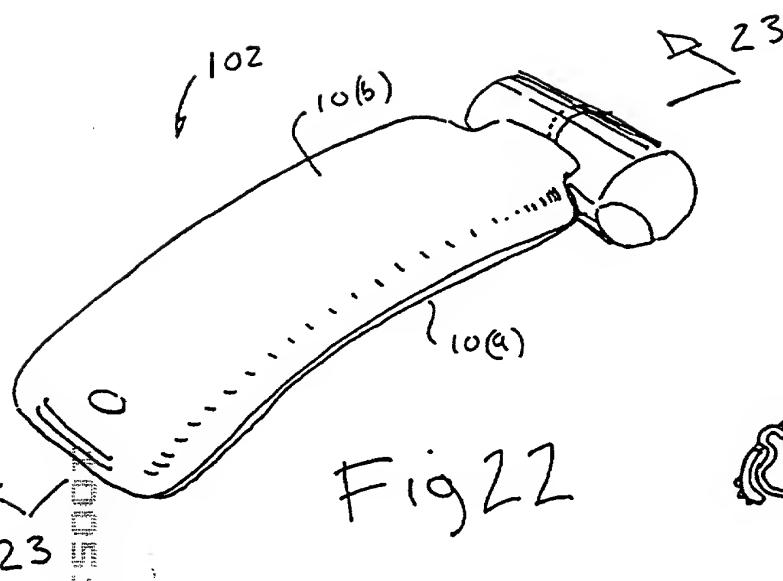


Fig. 22

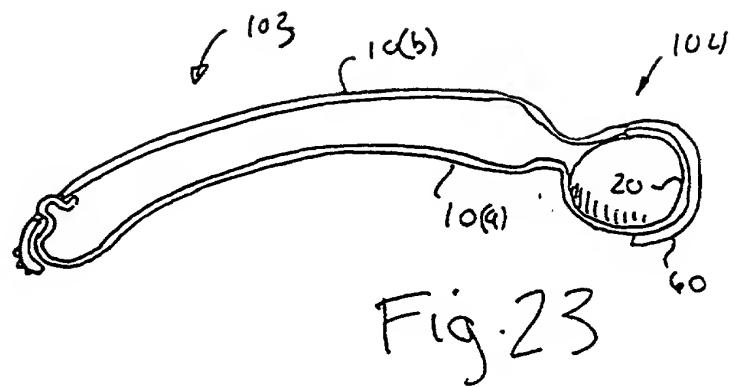


Fig. 23

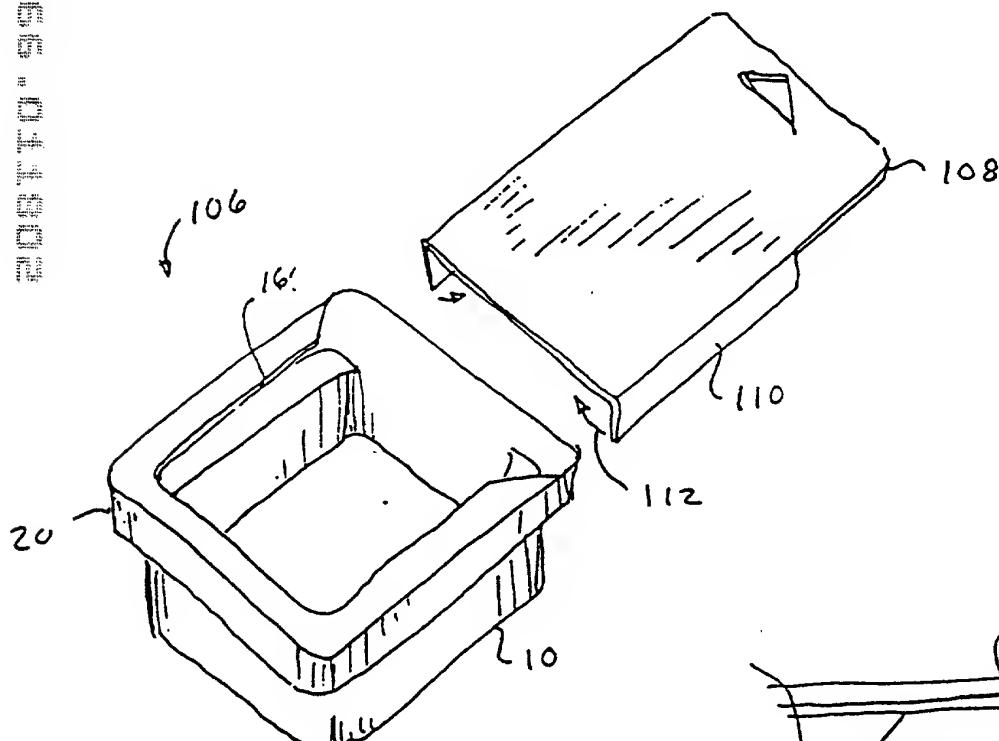


Fig. 24

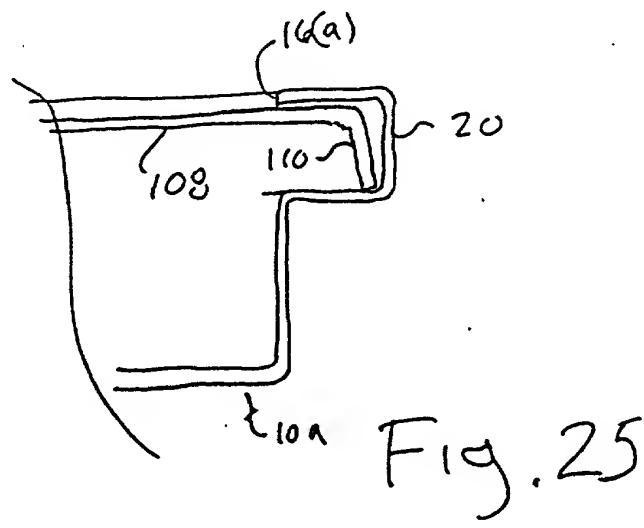
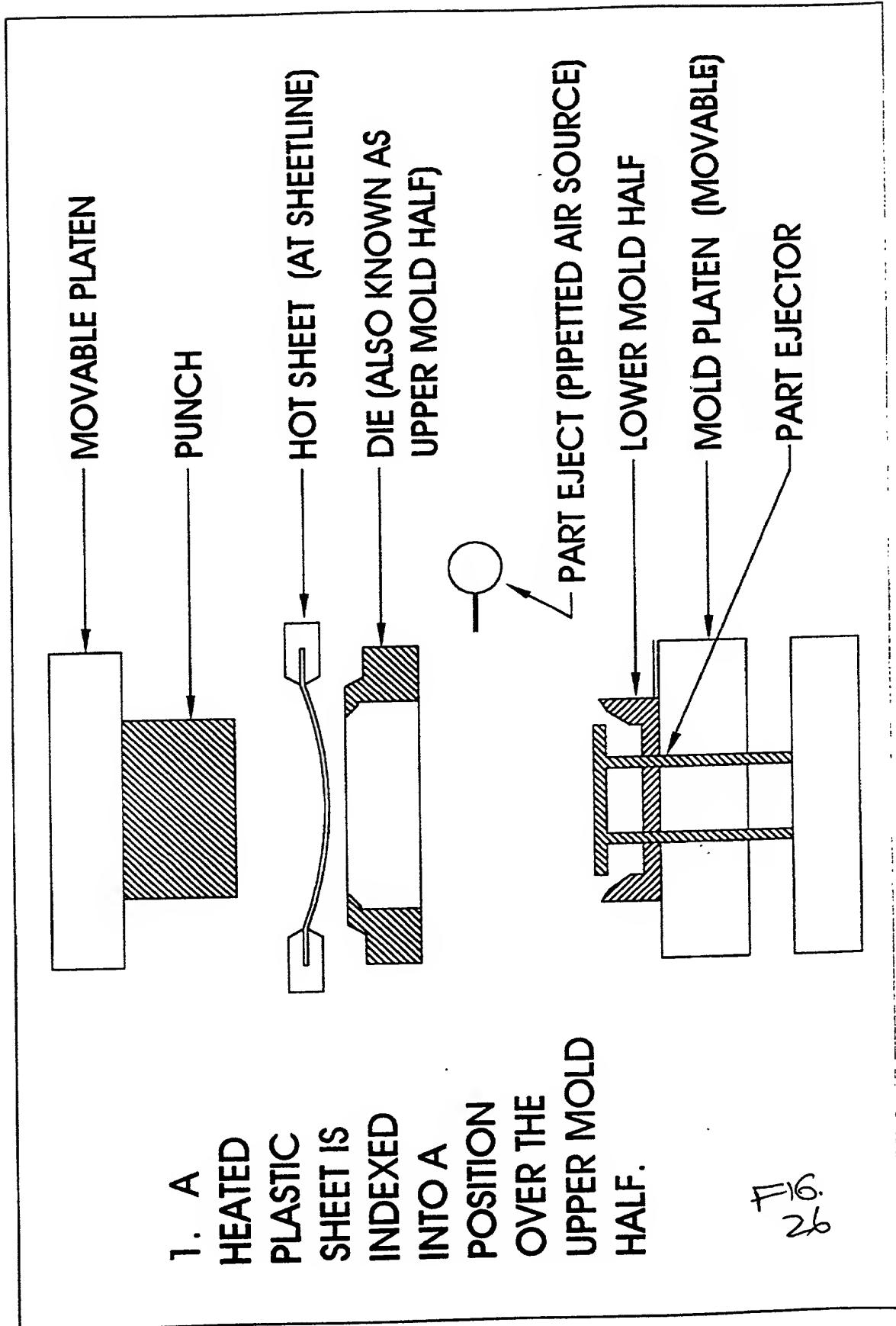


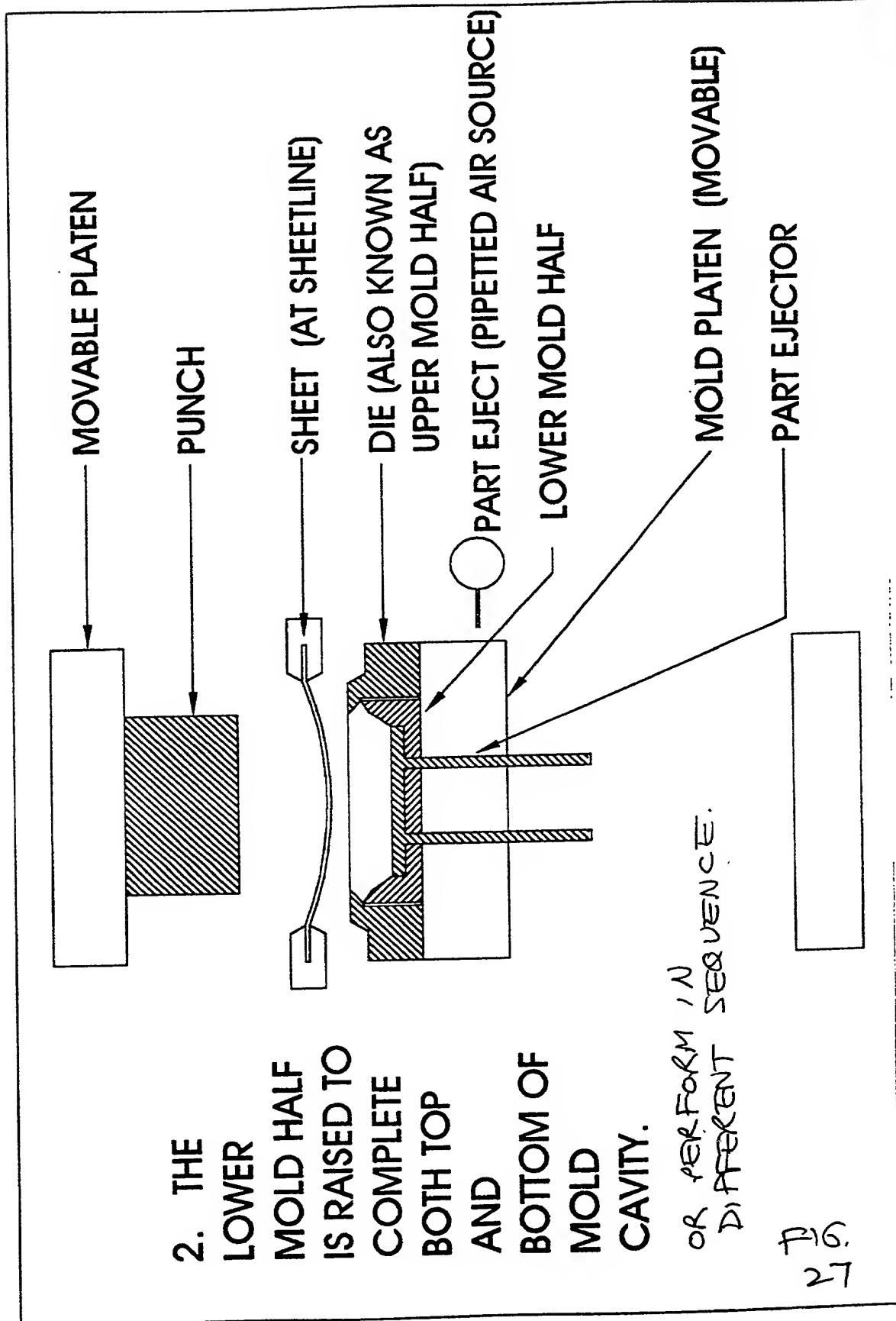
Fig. 25

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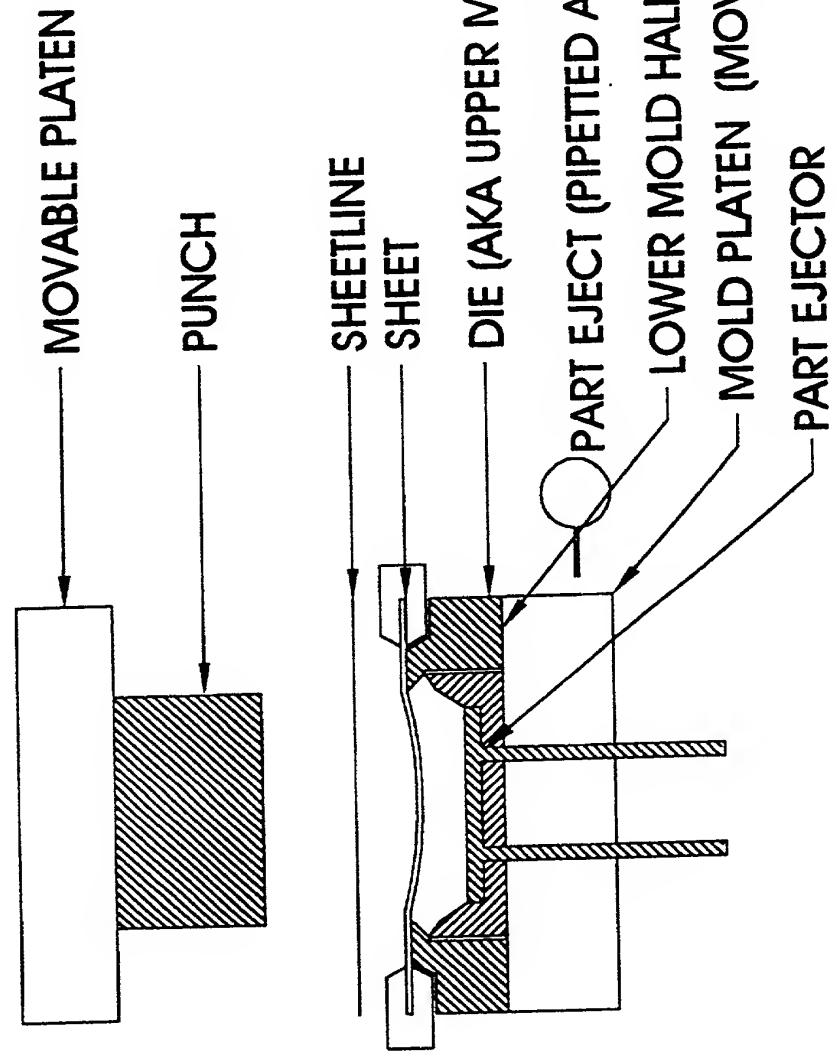
7/23



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8/23

3. THE  
HEATED  
SHEET IS  
LOWERED TO  
CONTACT  
THE TOP  
SURFACE OF  
THE UPPER  
MOLD HALF



or THE MOLD  
SECTION COULD  
MOVE UP TO THE SHEET

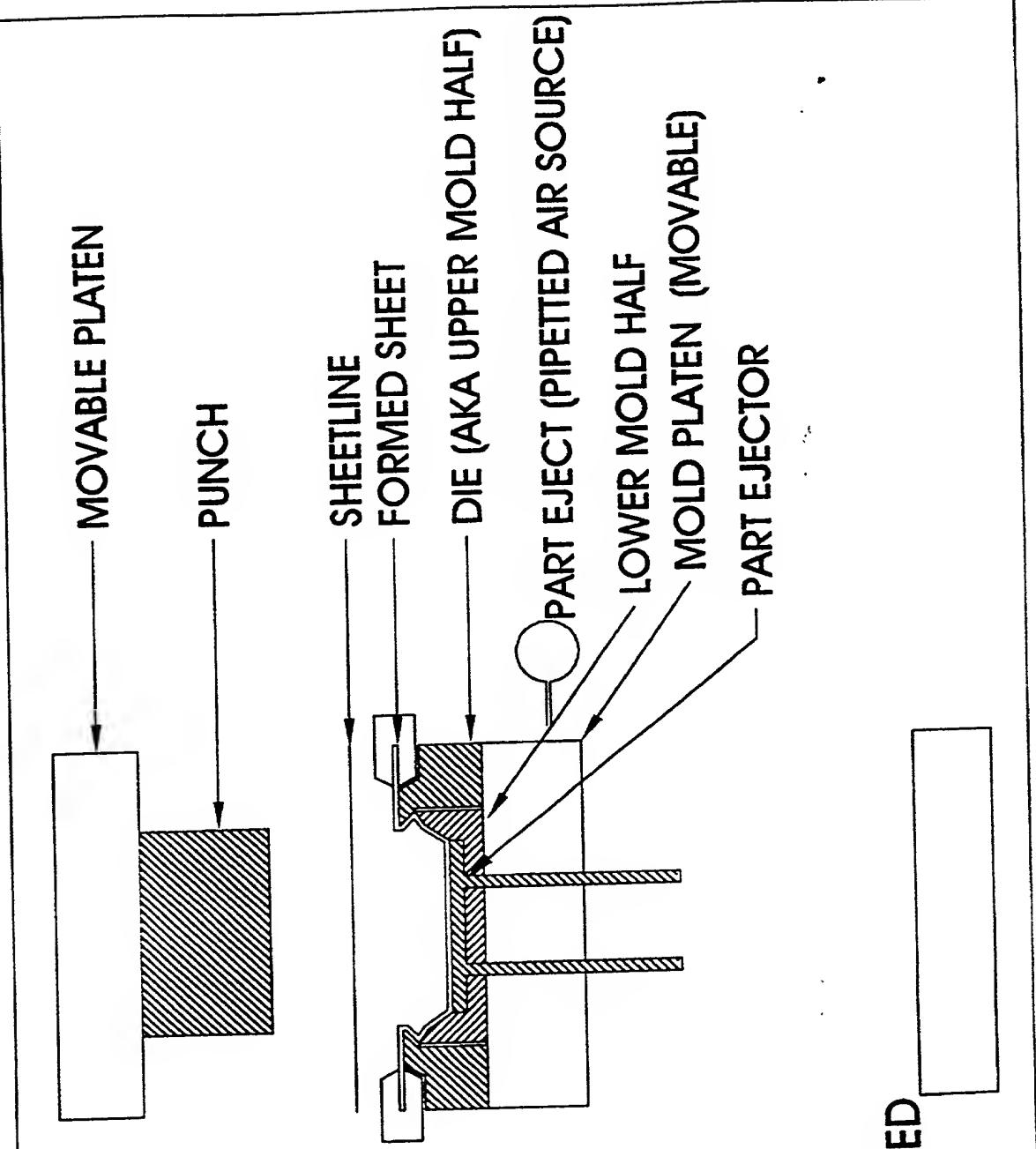
28

Conn Bomm 4/17/00

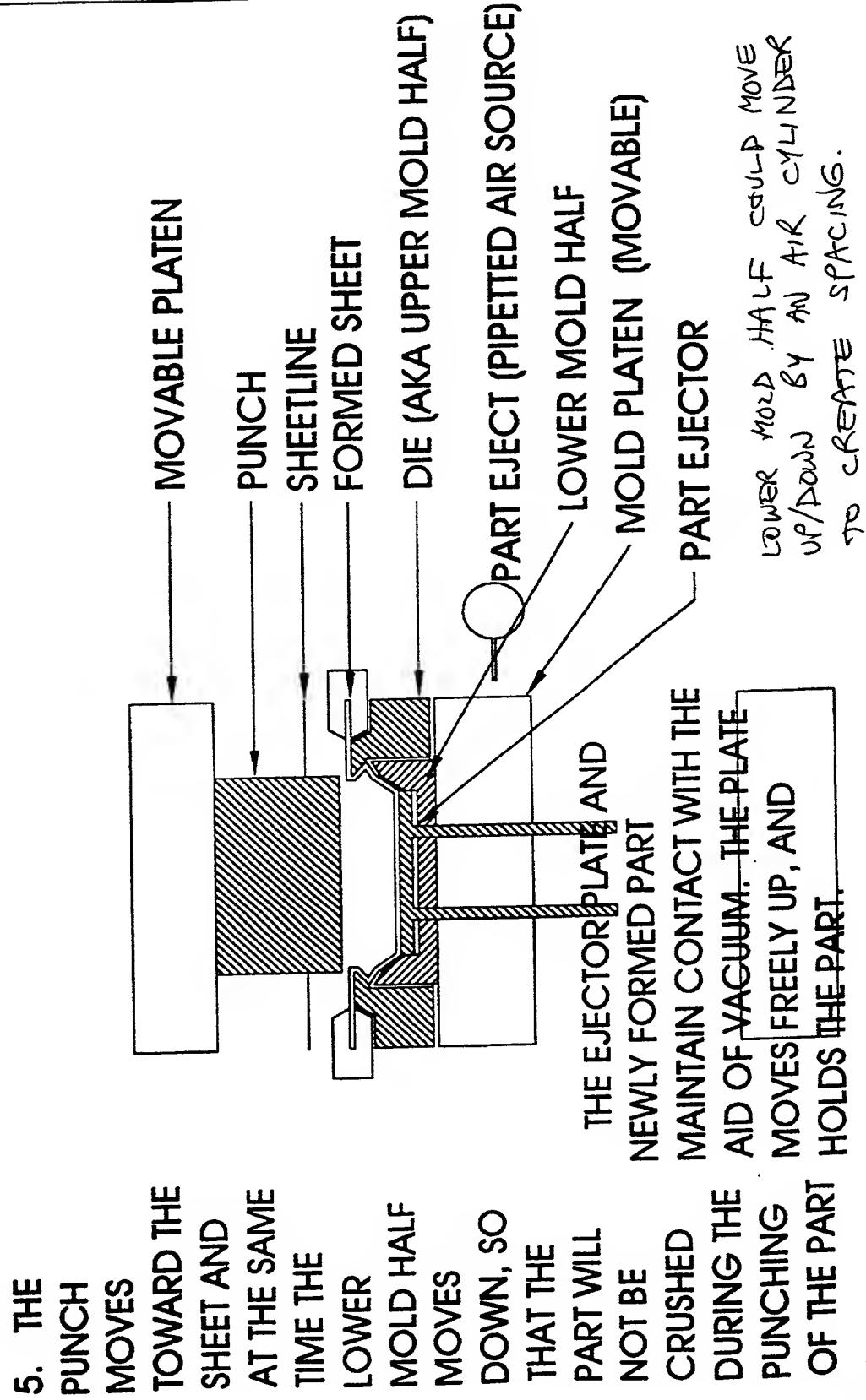
9/23

4. THE SHEET IS DRAWN INTO THE MOLD BY EITHER (OR BOTH) PRESSURE AND/OR VACUUM. THE SHAPE OF THE MOLD CAVITY IS DUPLICATED IN THE THERMOFORMED PLASTIC SHEET.

16.29



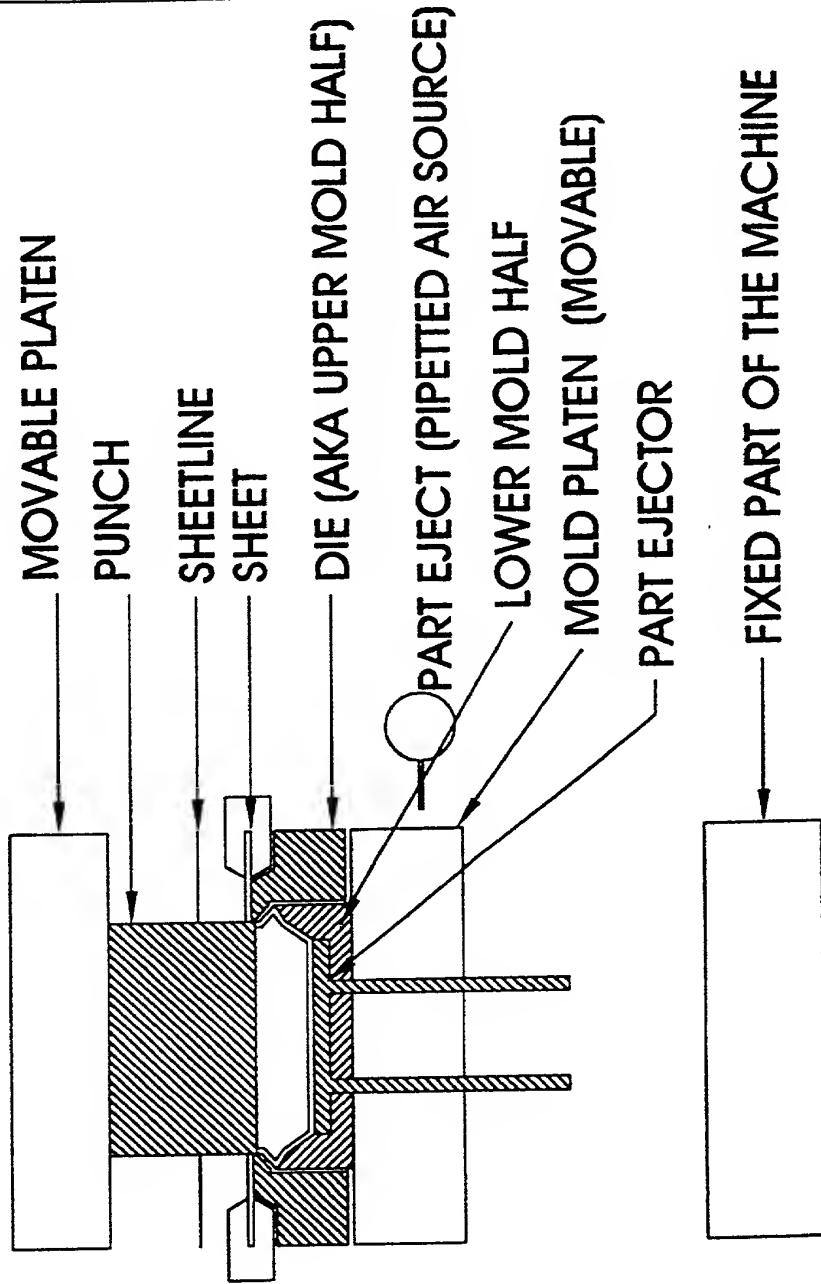
Connor Brown 4/17/00



Conn. 2000 4/17/00

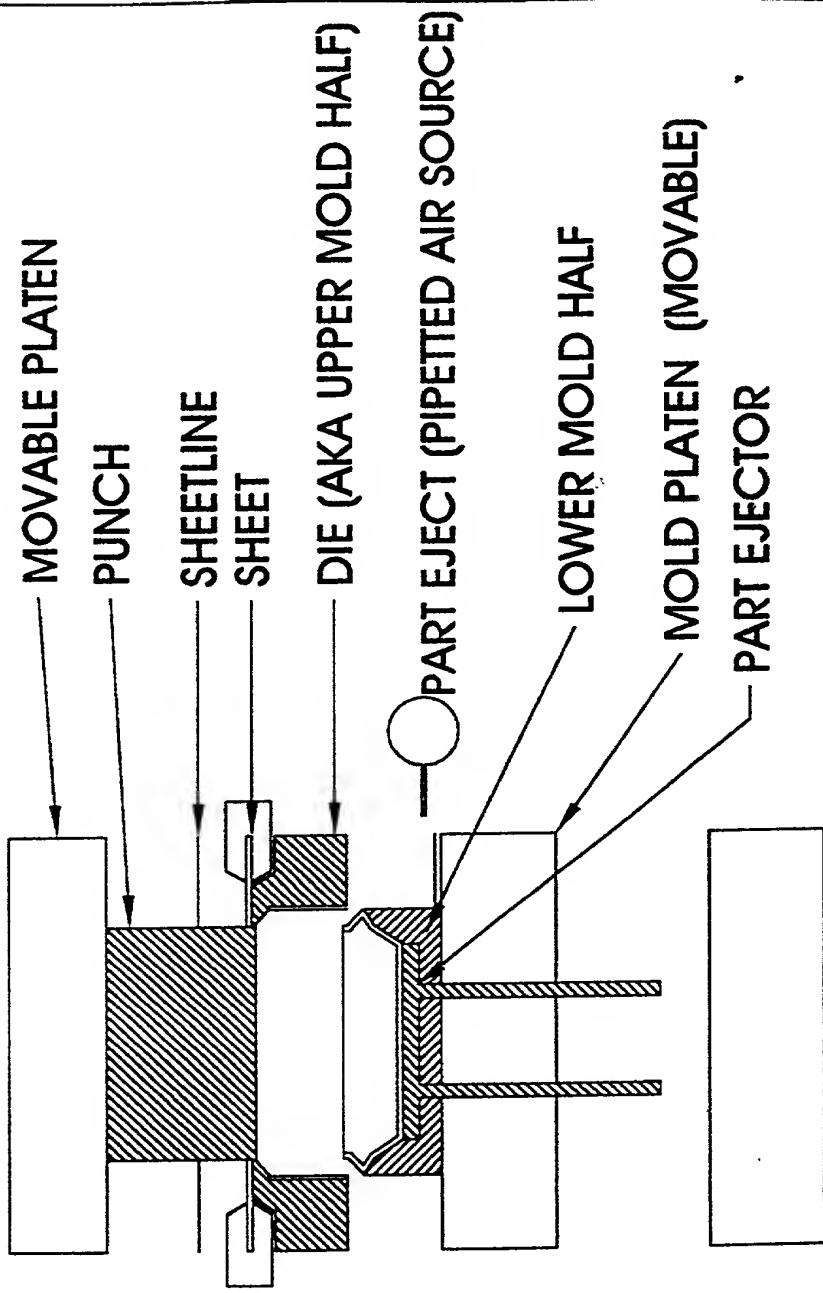
6. THE PUNCH CONTINUES TO MOVE DOWN AND PUNCHES THE FORMED PART OUT OF THE WEB. THE EJECTOR VACUUM IS STILL ON AND CONTINUES TO HOLD THE PART ON THE EJECTOR PLATE AND IN THE LOWER MOLD.

OR MOVE MOLD AND DIE UP TO THE PUNCH.



Conn Branch/17/00

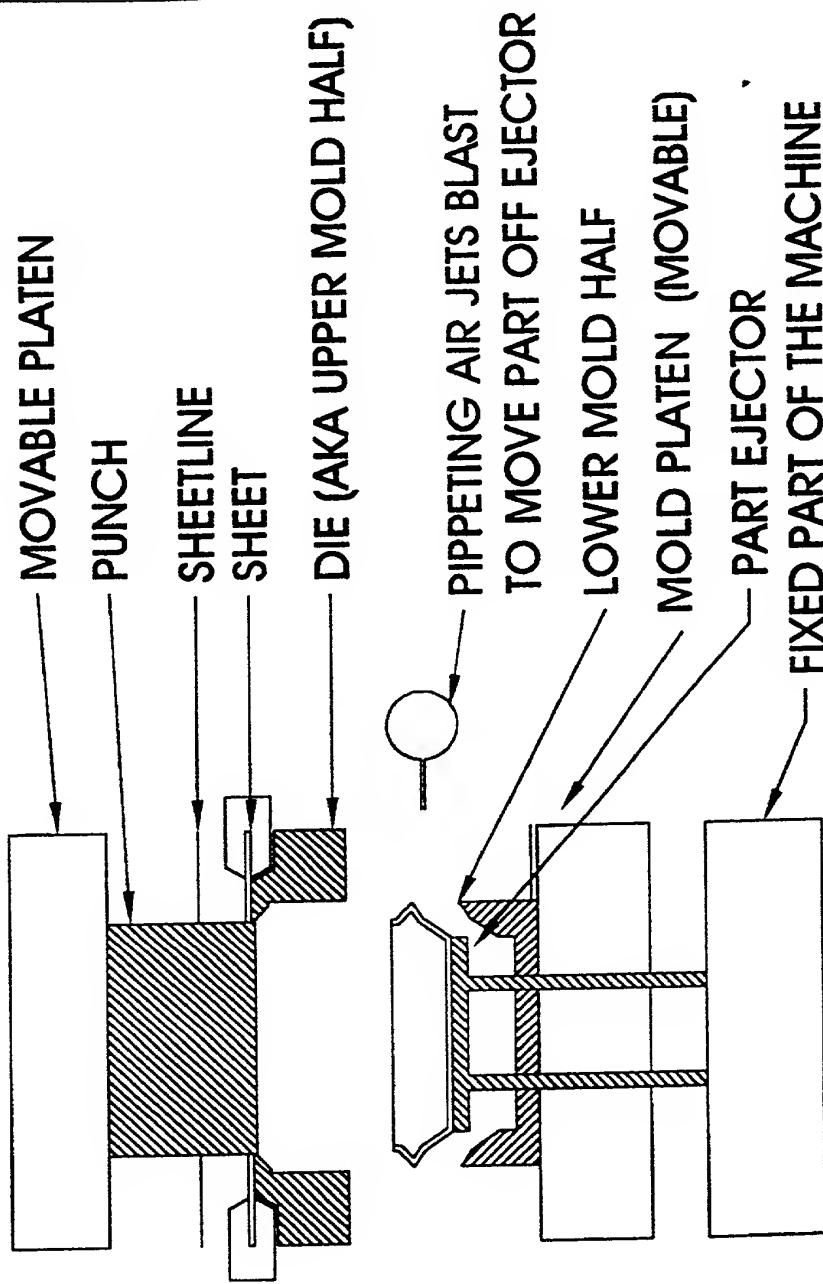
7. THE LOWER MOLD HALF MOVES DOWN TO CARRY THE PART BELOW THE UPPER MOLD HALF, SO THAT THE PART MAY BE REMOVED.



11/6. 32

Conn S. Bon 04/17/00

8. THE LOWER MOLD PLATEN CONTINUES TO LOWER. THE FREELY MOVING EJECTOR PLATE IS STOPPED BY ITS GUIDE-RODS STRIKING A FIXED SURFACE OF THE MACHINE.



Chris. Bunn 04/17/00

9. THE VACUUM ON THE EJECTOR PLATE GOES OFF AND THE PART IS BLOWN OFF OF THE EJECTOR PLATE.

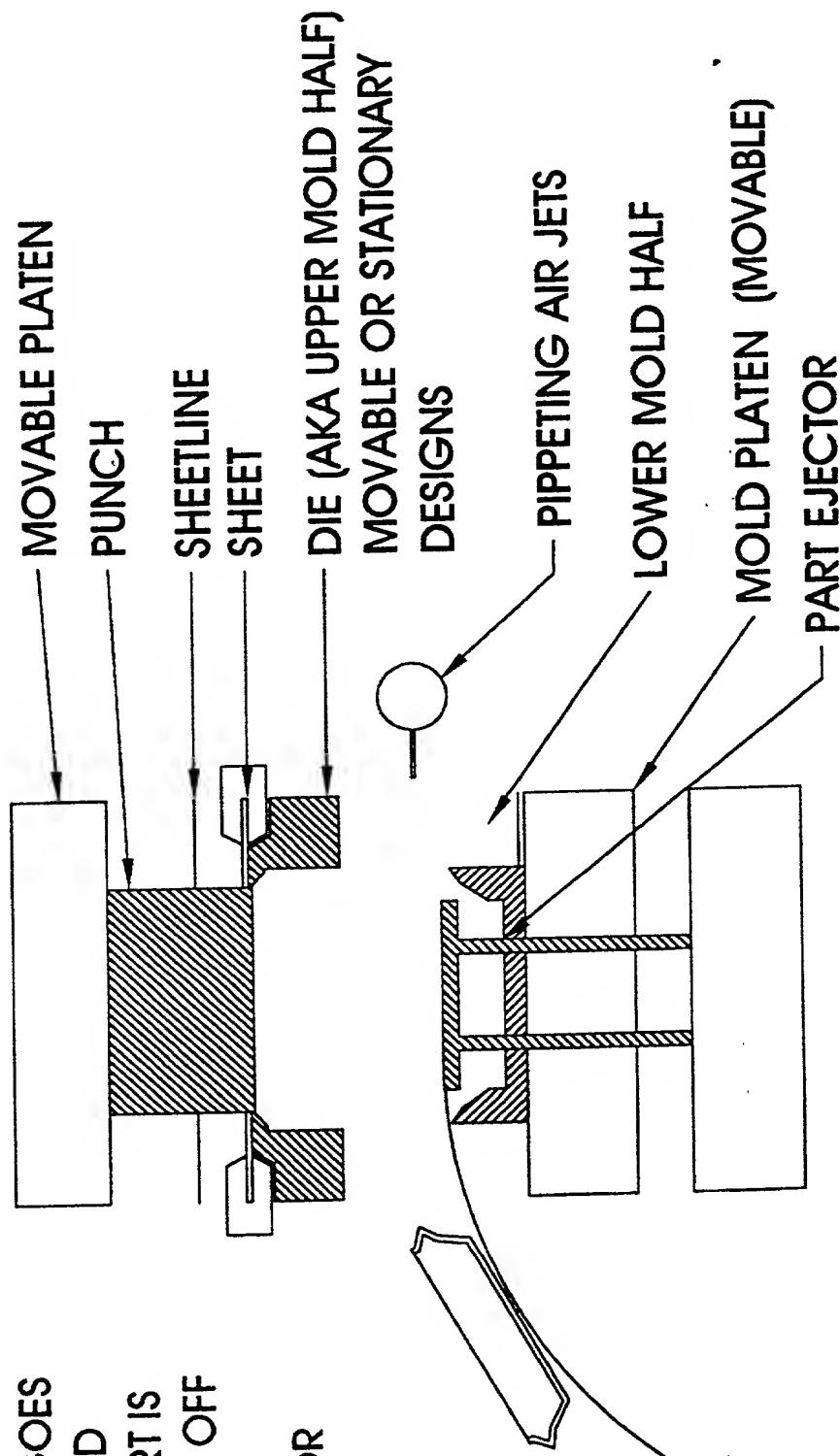


FIG. 34

Chiru O. Sonu 04/17/00

10. THE PART IS GUIDED BY RODS INTO THE STACKER MECHANISM TO BE NESTED IN A STACK BELOW.

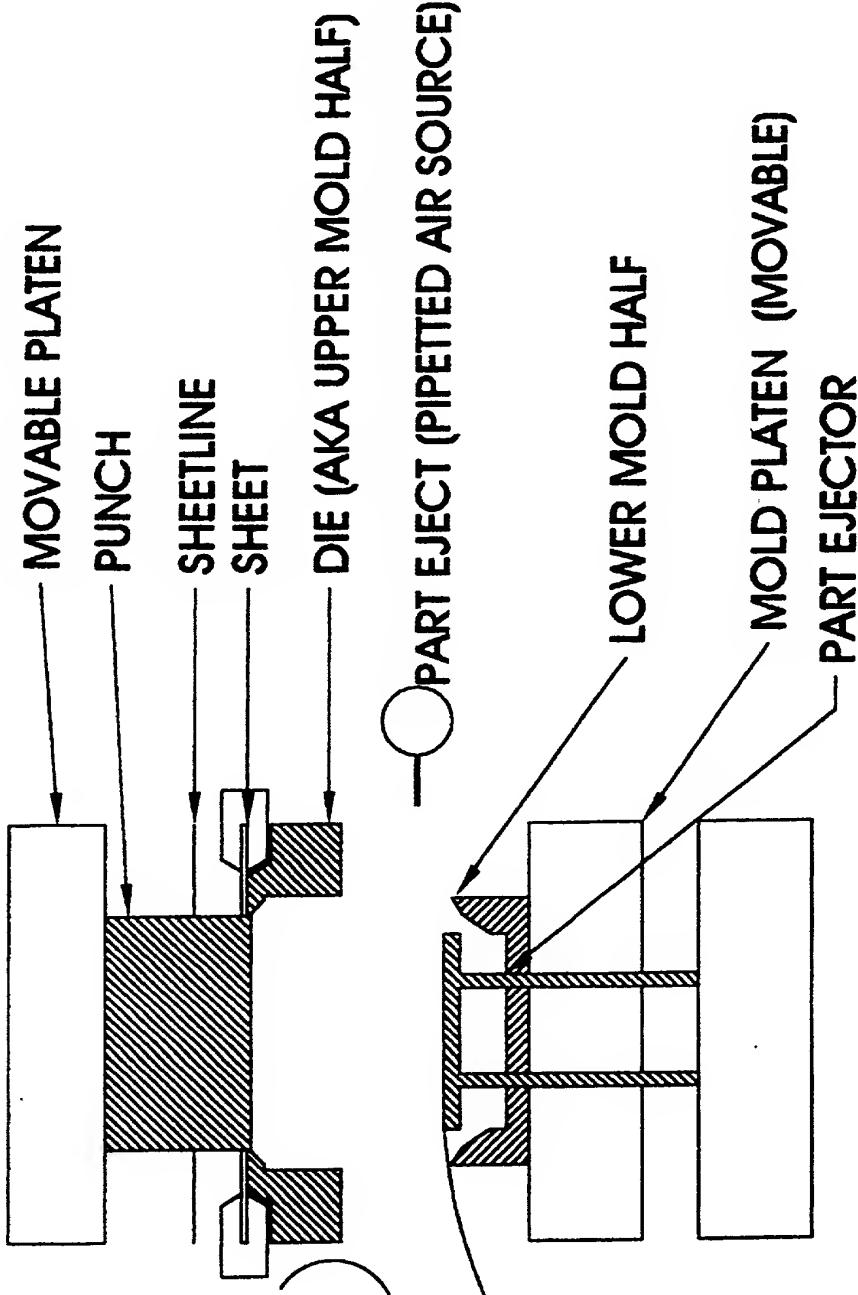
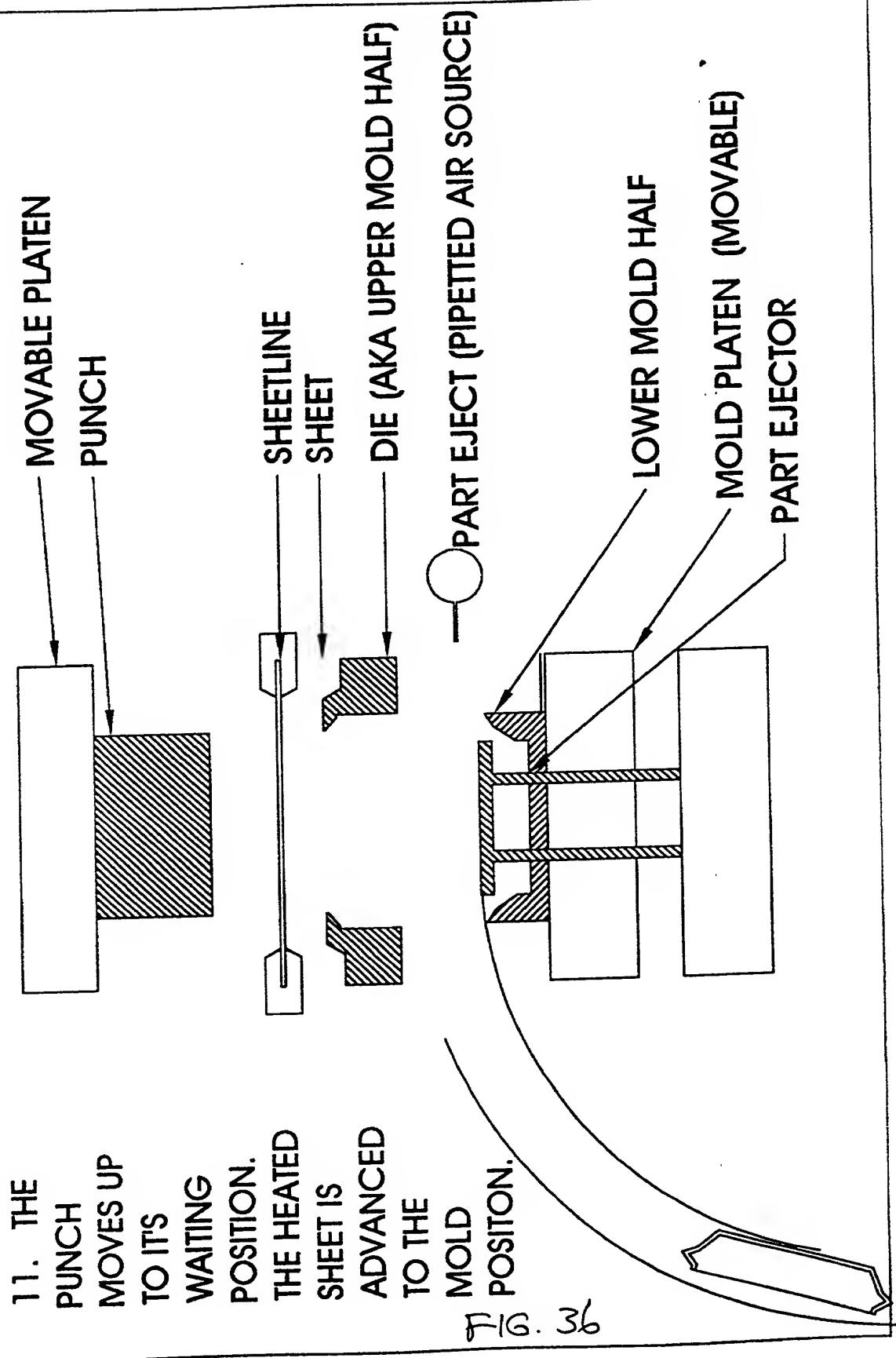


Fig. 35

*John S. Brown 04/17/00*



*Conrad Brown 04/17/00*

12. THE PART  
IS INDEXED  
FOR AN  
IN-LINE  
OPERATION,  
SUCH AS  
PUNCHING  
HOLES, OR  
PRINTING;  
OR PUSHED  
INTO A  
STACK FOR  
FINAL  
PACKAGING.

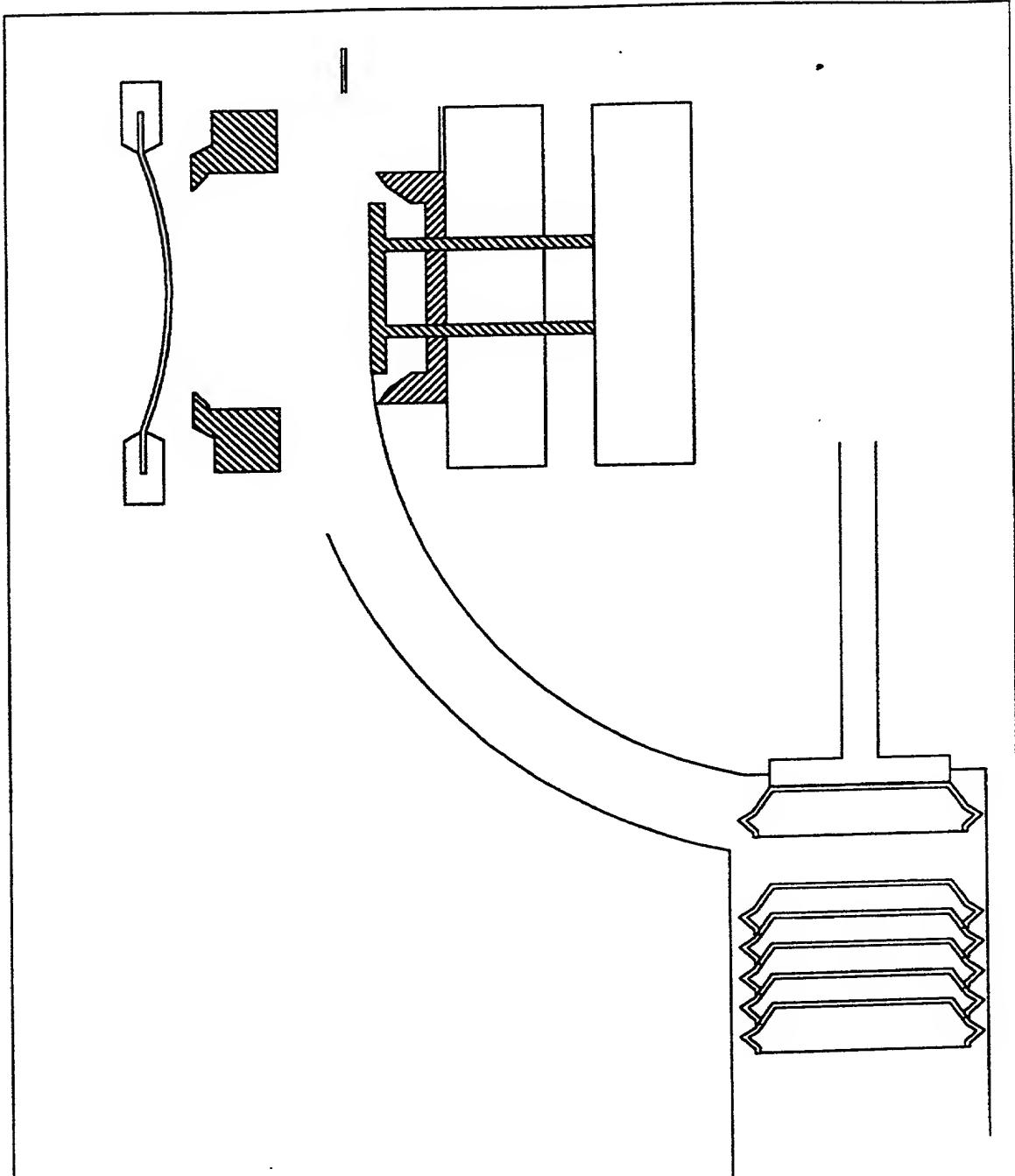


FIG. 37

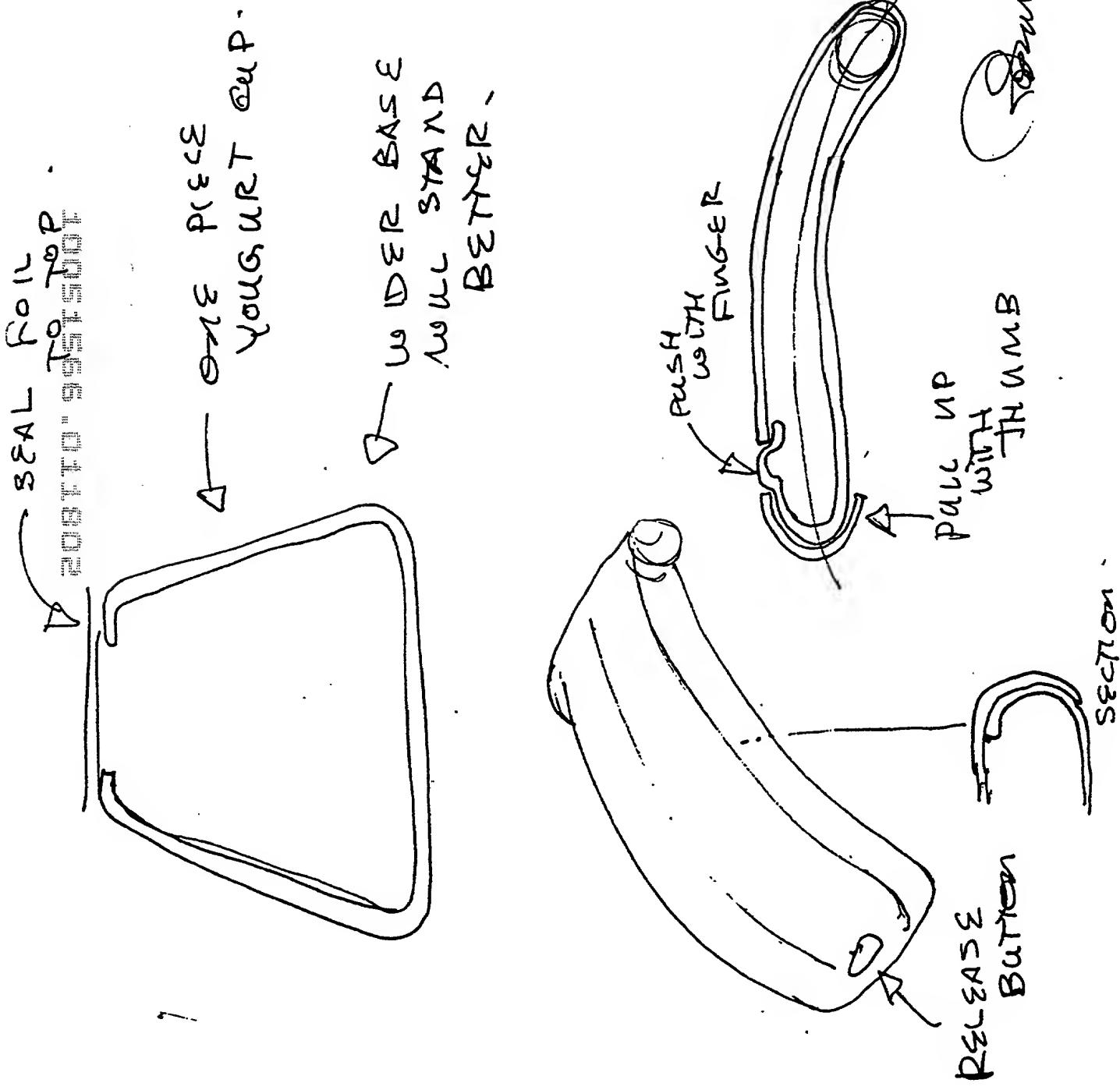
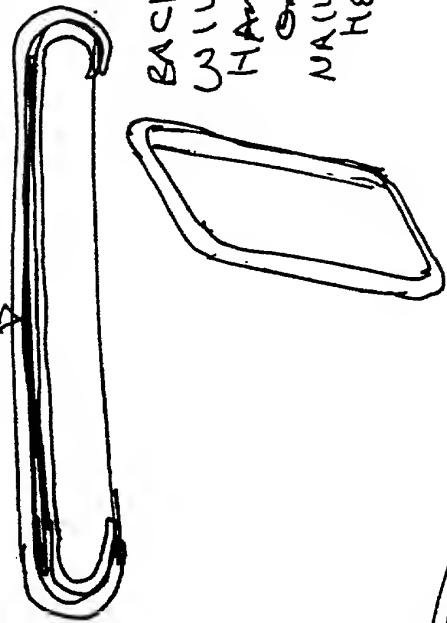
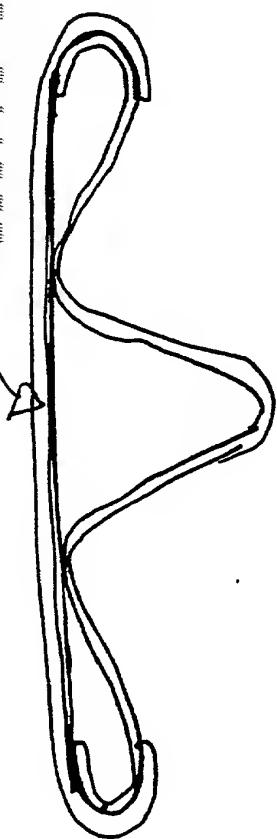
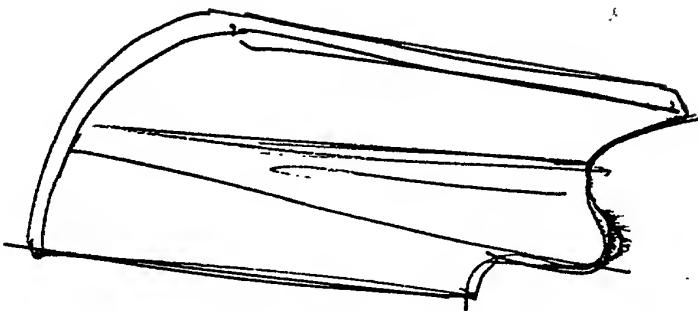


FIG. 38

PICTURE E



PICTURE F



PIX-U-FRAME

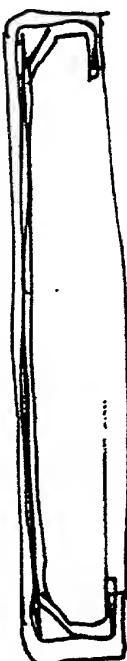
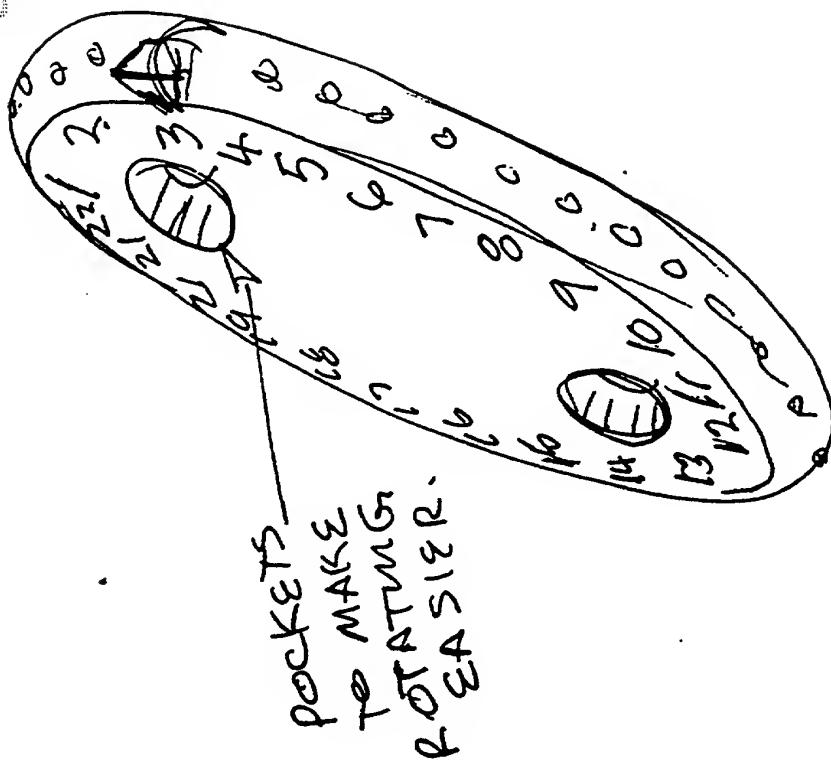


FIG. 39

Revised. 2004/07/00



→ ROTATING- COUNTERS  
→ FOR CENTER.

→ DEDICATED FOR SNAP

- COUNTER FOR PLAYING CARDS
- COUNTER FOR SCORING.
- COUNTER FOR COUNTING WATCHERS
- "POINTS" CENTER.
- 



Conrad Brown Oct/17/00

FIG. 40

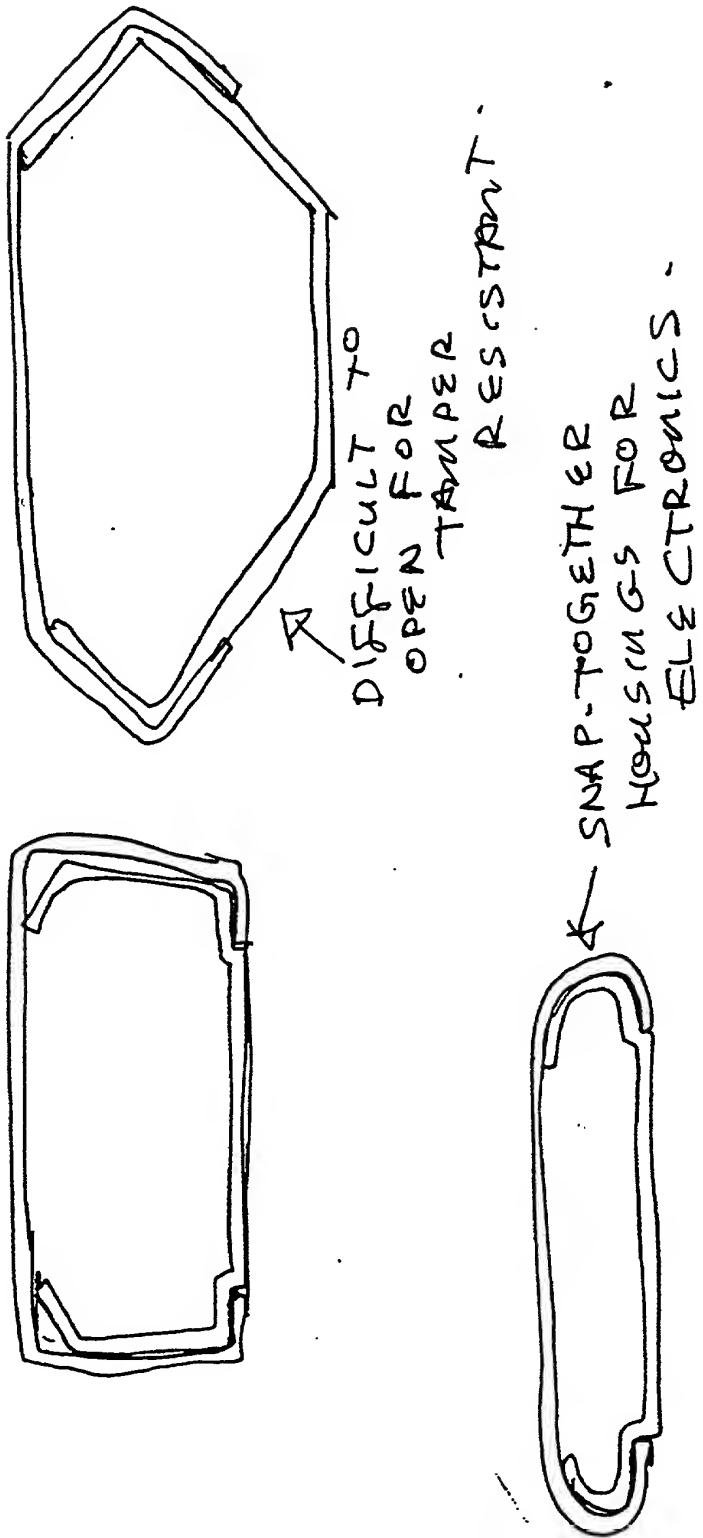
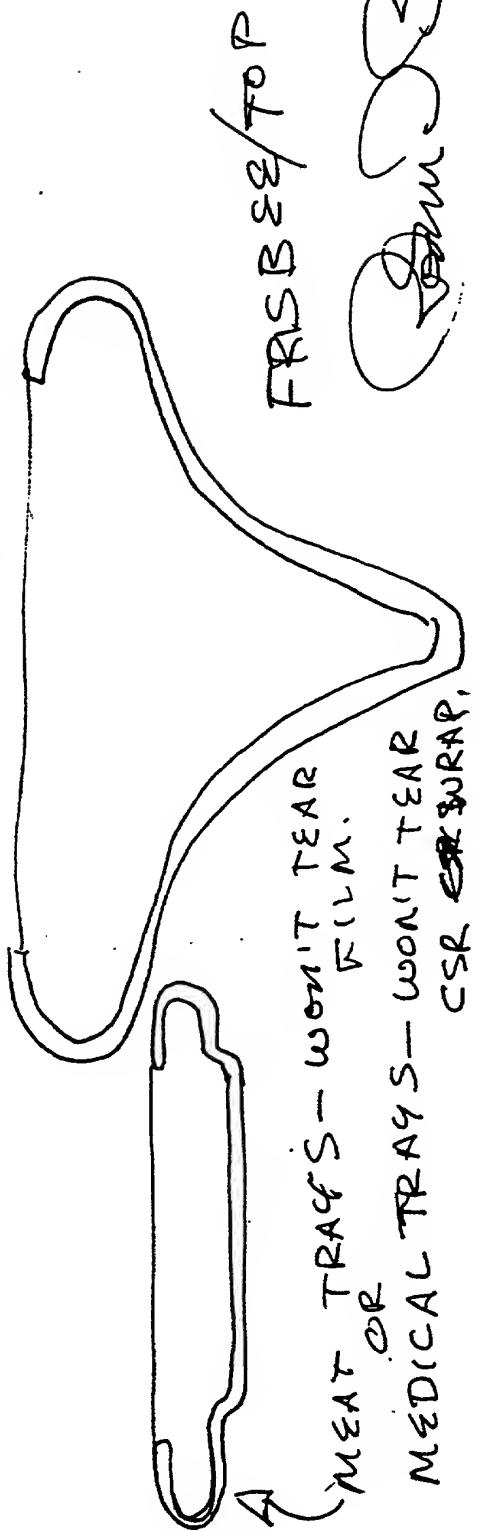


FIG. 41

04/17/08

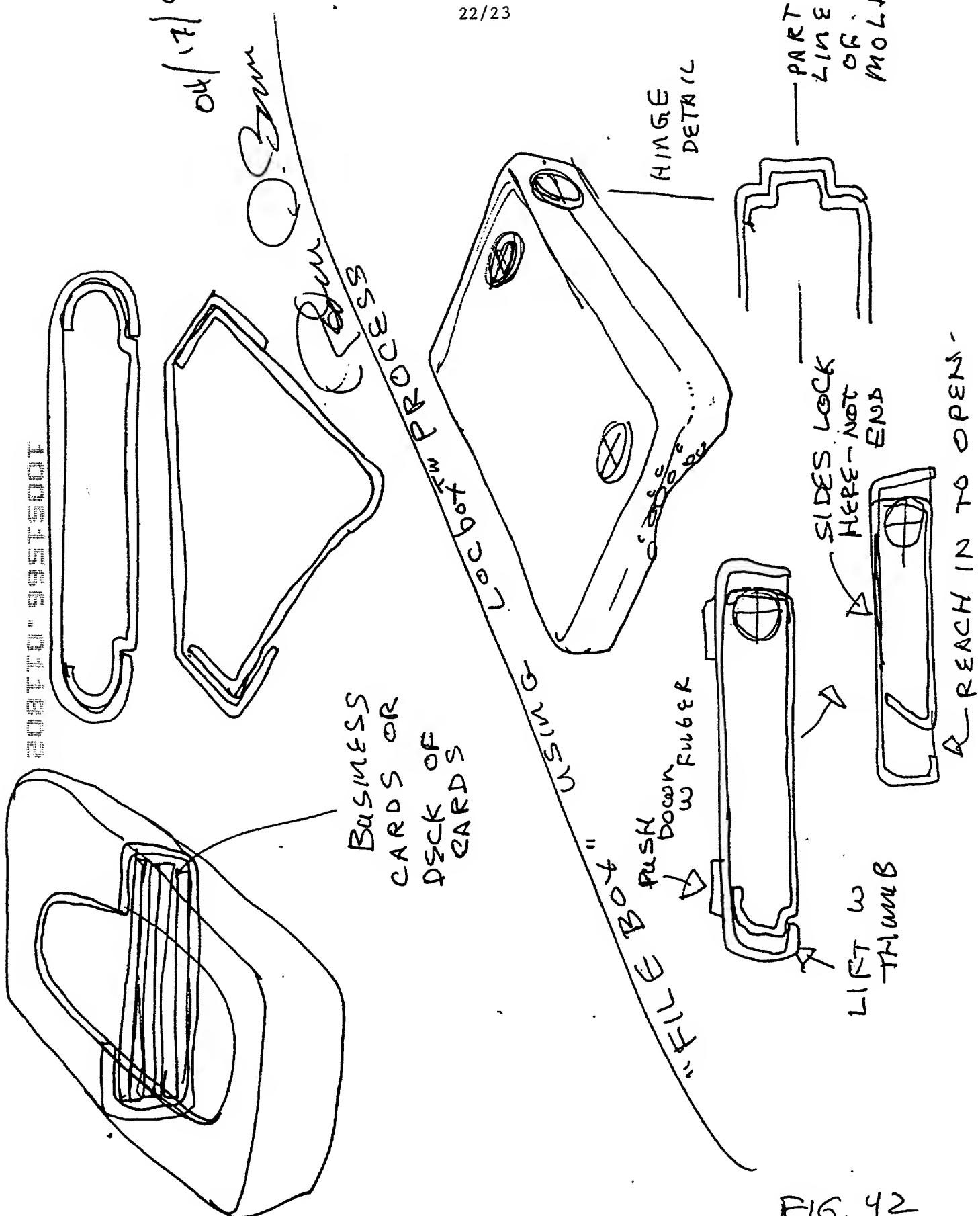
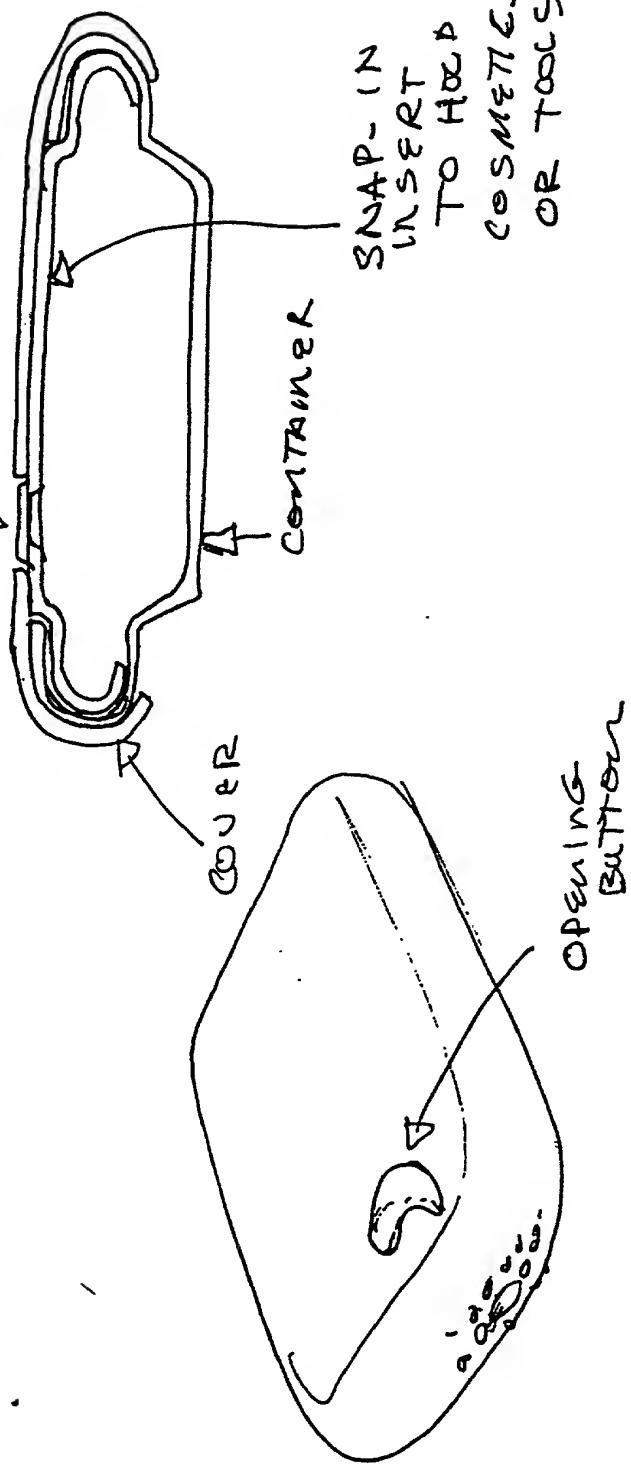


FIG. 42

RAISED SHAPE  
ON INSERT FOR OPENING.



SNAP-IN  
INSERT  
TO HOLD  
COSMETICS  
OR TOOLS

OPENING  
BUTTON

FIG 3  
4/17/00

ROTATING  
BOX

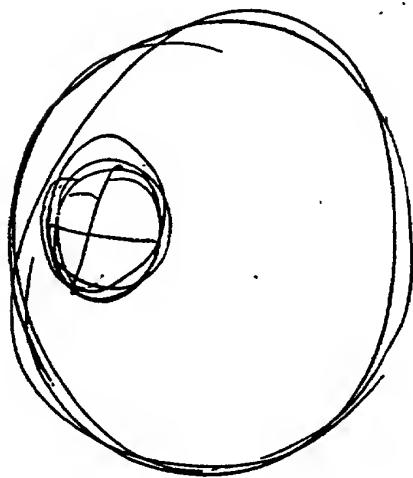


FIG 4  
4/17/00

VARIOUS COMBINATIONS  
OF CAVITY  
NUMBER

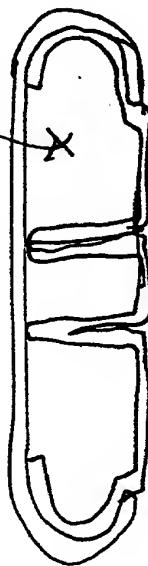


FIG. 43

4 FOR 3/PART  
AND ONE  
BLACK  
OR 7 FOR  
ONE WEEK + BLACK. (CLOSED)